(e) Government has not fixed any time frame for signing the agreement.

Policy on allocation of Naptha and Sulphur

2113. DR. DASARI NARAYANA RAO: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) the details of production of LPG, Naptha, SKO, HSD, ATF and Sulphur of the oil companies during the last three years, year-wise, item-wise, oil company and their refinery-wise;

(b) in what manner Naptha and Sulphur were allocated to different sectors like fertilizers, power etc. sector-wise during the said period;

(c) whether Government have prescribed any policy in this regard; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI SANTOSH GANGWAR): (a) The information is given in the enclosed Statement. (*See* below).

(b) to (d) After deregulation of petroleum products with effect from April 1998, no allocation for release of Naptha to any sector was made during the last three years. Sulphur is a free trade product. Requirements of different sectors are met as per demand, subject to availability.

Accidents at oil refineries

2114. DR. DASARI NARAYANA RAO: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) the number of minor and major accidents which occurred in various oil refineries of different oil companies, during the last three years, year-wise and refinery-wise; and

(b) the refinery-wise details of steps each oil company has taken to make their refineries safe?

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS (SHRI SANTOSH GANGWAR): (a) and (b) The requisite information is given in the enclosed statement.

Statement

Policy on allocation of Naptha and Sulphur.
Production of petroleum products

Figs. in TM

	HPCL		BPCL		KRL	CPCL			IOCL								BRPL	NRL	ONGC	MRPL	RIL	TOTAL
	Mum-bai	Visakh	Total	Mum-bai	Kochi	Chen-nai	CBR	Total	Hal-dia	Guja-rat	Mat-hura	Bar-auni	Guwa-hati	Dig-boi	Pani-pat	Total	Bong-aigaon	Numa-ligarh	Tati-paka	Man-galore	Jam-nagar	Refi-neries
Product																						
Year 1999-00																						
LPG	136.4	115.6	252.0	342.0	261.4	112.9	15.3	128.2	60.7	256.2	204.0	55.9	19.0	0.0	80.1	677.9	24.2	0.6		108.7	695.1	2,490
Naptha	618.6	429.0	1,047.6	1,176.8	810.9	747.2	127.2	874.4	297.6	1,212.3	430.0	51.9	69.8	5.5	261.8	2,328.9	238.3	11.8		176.5	1,555.5	8,223
ATF	356.6	(0.2)	356.4	219.0	80.0	318.9	0.0	318.9	188.4	417.3	545.8	0.0	0.0	0.0		1,151.5	55.8	0.0		71.9	17.8	2,27
SKO	296.5	314.2	610.7	571.3	508.0	403.0	80.4	483.4	65.3	1,082.1	400.8	235.5	57.5	48.4	289.8	2,179.4	164.5	2.2		408.6	810.7	5,73
HSD	1,658.5	2,241.4	3,899.9	3,547.5	3,753.3	2,298.4	274.3	2,572.7	1,429.8	3,964.2	3,405.8	1,789.4	449.2	173.5	1,807.0	13,008.9	737.8	0.0		2,440.6	4,808.5	34,76
Sulphur	0.0	0.0	0.0	9.5	0.0	1.7	0.0	1.7	2.1	4.9	8.3	0.0	0.0	0.0	1.0	16.4	0.0	0.0		15.6	0.0	43
Year 2000-01																						
LPG	134.2	229.4	363.6	363.2	344.6	127.3	18.1	145.4	53.0	313.0	192.7	80.0	14.3	2.4	157.1	792.4	25.2	25.8		136.7	1901.3	4,09
Naphtha	603.1	681.5	1284.6	1148.3	803.3	655.6	120.3	775.9	260.8	1233.8	471.4	173.8	85.3	1.4	273.7	2,501.2	175.0	117.6		374.7	2777.6	9,95
ATF	379.0	22.2	401.2	223.9	62.8	318.5	0.0	318.5	179.0	369.8	412.2	0.0	0.0	0.0	103.4	1,064.4	56.3	3.3		174.6	185.3	2,51
SKO	438.1	603.5	1041.6	716.8	740.3	527.7	81.9	609.6	144.2	1192.7	531.6	295.2	51.8	48.1	562.9	2,826.7	111.3	216.4		595.2	1818.2	8,67
HSD	1317.7	2602.9	3920.6	2919.0	2952.2	2010.1	220.8	2230.9	1239.7	4442.7	2798.1	1434.8	313.8	249.6	2580.4	13,059.1	555.6	828.2		2957.3	9514.6	39,04
Sulphur	6.8	3.4	10.2	12.5	7.8	7.6		7.6	8.5	10.5	19.5				10.5	49.0		0.5		23.8	407.1	51
Year 2001-02																						
LPG	154.8	293.2	448.0	352.9	361.4	148.6	17.2	165.8	81.3	312.8	242.5	48.2	11.9	6.6	190.0	893.2	27.4	51.0		120.0	2365.8	4,78
Naphtha	585.5	601.6	1187.1	1064.3	567.8	671.8	130.1	801.9	254.8	1144.4	567.9	109.2	76.2	2.4	306.7	2,461.6	133.5	205.1	4.5	140.3	2585.5	9,17
ATF	412.2	33.0	445.2	278.7	88.2	287.2	0.0	287.2	177.2	240.8	524.7	0.0	0.0	0.0	213.2	1,155.9	62.1	8.1		10.8	250.1	2,50
SKO	453.2	675.9	1129.1	730.3	547.8	541.0	55.8	596.8	200.5	1311.8	579.2	339.6	38.8	43.7	590.8	3,104.3	127.1	216.7	2.4	440.3	2788.3	9,66
HSD	1394.8	2808.7	4203.5	2937.9	2698.4	2049.8	232.3	2282.1	1291.8	4230.5	3083.1	1344.1	309.3	245.7	2439.2	12,943.7	529.8	1485.4	2.2	2397.8	10463.7	39,9
Sulphur	8.8	7.1	15.9	14.5	8.5	8.7	0.0	8.7	9.3	15.5	26.5	0.0	0.0	0.0	19.9	71.2	0.0	2.6		29.0	460.6	61

Statement

Accidents at oil refineries

Name of Company	Refinery	1999-2000		2000-2001		2001-2002		Corrective steps taken
		Minor	Major	Minor	Major	Minor	Major	
Indian Oil Corporation Limited	Guwahati	-	1	-	-	-	1	IOCL have implemented full fledged safety management systems and procedures complying with the requirement of the Factories Act, 1948. Petroleum Rules, 2002 and other related statutory rules and regulations IOC refineries also comply with standards and guidelines of Oil India Safety Directorate issued form time to time for design, layout, construction and operation of the facilities. Occupational Health and Safety Management Systems for all the refineries are in place and are certified for international standard, OHSAS - 18001.
	Barauni	-	-	-	3	-	2	
	Gujarat	-	-	-	-	-	3	
	Haldia	-	1	1	1	-	1	
	Mathura	-	2	-	-	1	1	
	Panipat	6	4	2	-	-	-	
	Digboi	3	3	-	-	-	4	
KRL		-	1	-	2	-	3	KRL is in the process of implementing a comprehensive Safety Management

Name of Company	Refinery	1999-2000		2000-2001		2001-2002		Corrective steps taken
		Minor	Major	Minor	Major	Minor	Major	
								Management System (ISRS) which provides measurement of performance that can be used to improve system deficiencies before accident.
NRL		-	-	16	2	2	-	NRL has initiated action for implementation of International Safety Rating Systems (ISRS).
BRPL		-	1	-	-	-	1	Free issue of Personal Protective Equipment and mandatory use by employees including contract workers, full compliance of all statutory safety norms.
CPCL		5	3	3	1	7	2	Periodic risk analysis and Hazard & operability study (HAZOP) regular walk through survey exclusive fire and safety training to all employees.
BPCL		4	1	1	2	-	4	Elaborate Fire & Safety training given to employees. All accidents investigated and

						analysed threadbare for avoidance in future.
HPCL	-	-	-	2	-	1 Risk analysis by reputed agencies, provision of hydrocarbon detectors. Preventive and predictive maintenance of equipment.